

Application No. 10/772,806
Response dated April 30, 2007
Reply to Office action of October 31, 2006

Amendments to the Specification:

Please amend the specification by replacing Table 1 on page 12 of the present specification with the following:

Table 1:

Seq. ID No.	Primer	Sequence	Fragment or plasmid generated
1.	Gen71 1.Fr. for	5'- <i>GCAggtacc</i> TTTGCACAACCTTAGGATGAC-3'	2.0-kb flank for p71-pHA2
2.	Gen71 1.Fr. rev	5'- <i>GATggatcc</i> <i>Ctttaattaa</i> GTAGACGCGGCTGTAGTAAC-3'	2.0-kb flank for p71-pHA2
3.	Gen71 2.Fr. for	5'- <i>ACAgtegac</i> <i>Ctttaattaa</i> TCGGGAACTACTCACACTC-3'	2.4-kb flank for p71-pHA2
4.	Gen71 2.Fr. rev	5'- <i>CGAgtatgc</i> AGTTTACCGAAGGATATAC-3'	2.4-kb flank for p71-pHA2
5.	Kan950 for	5'-GCCAGTGTACAACCAATTAACC-3'	Kan ^r 950 gene
6.	Kan950 rev	5'-CGATTTATTCAACAAAGCCACG-3'	Kan ^r 950 gene
7.	gM950EHV for	5'- <i>GGTTTCAAATTCTCGCTACCACGTGTAATTGGCTCT</i> <i>TCTGCGTCCGGCCAGTGTACAACCAATTAAAC-3'</i>	Kan ^r 950 gene for gM deletion
8.	gM950EHV rev	5'- <i>AAAACCACAGCGTGGTCGATGGAGTGTGGATGCCAG</i> <i>ATAGCTGGTGGACGATTATTCAACAAAGCCACG-3'</i>	Kan ^r 950 gene for gM deletion
9.	gD-950 for ACGCTAACAGCGATTTATTCAACAAAGCCACG-3'	5'- <i>CGCCCACTCAACTTCAACTTCGCTTGTGGCTGCGACC</i>	Kan ^r 950 gene for gD deletion
10.	gD-950-1 rev AATACTAGGCCAGTGTACAACAAATTAAACC-3'	5'- <i>TTCTTCCGACGCAAGCAGACGTATAGAATGACGCCACC</i> <i>AATACTAGGCCAGTGTACAACAAATTAAACC-3'</i>	Kan ^r 950 gene for gD deletion

Please amend the specification by replacing the 2nd paragraph on page 7 of the present application, starting on line 16 and ending on line 19, with the following paragraph:

The invention preferably relates to an artificial chromosome vector RacH-BAC according to the invention, characterized in that the artificial chromosome as deposited under the accession number ECACC 01032704 with the ECACC in Porton Down, UK (European Collection of Cell Cultures, CAMR, Salisbury, Wiltshire SP4 0JG, UK), on March 27, 2001, by Dr. N. Osterrieder (Bodden Blick 5A, Insel Riems, D-17498 Germany). The viability of this deposit was tested and confirmed on March 27, 2001, and is capable of reproduction.